PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	I CITT OITHER	ee Notification of Tr form PCT/ISA/220)	ansmittal of International Search Report as well as, where applicable, item 5 below.					
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International application No.	International filing date (day/	month/year) (Earliest) Priority Date (day/month/year)					
PCT/JP 03/09958	05/08/20	003	09/08/2002					
Applicant								
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CASIO COMPUTER CO., LTD.								
This International Search Report has bee according to Article 18. A copy is being to	n prepared by this International ansmitted to the International B	l Searching Authori Bureau.	ty and is transmitted to the applicant					
This International Search Report consists	of a total of4	_ sheets.						
It is also accompanied by	a copy of each prior art docum	nent cited in this rep	oort.					
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Basis of the report a. With regard to the language, the language in which it was filed, un	international search was carrie less otherwise indicated under	ed out on the basis of this item.	of the international application in the					
the international search v Authority (Rule 23.1(b)).	vas carried out on the basis of a	a translation of the i	international application furnished to this					
b. With regard to any nucleotide ar was carried out on the basis of the	nd/or amino acid sequence di ne sequence listing :	isclosed in the inter	national application, the international search					
	onal application in written form.							
filed together with the inte	ernational application in compu	ter readable form.						
furnished subsequently to	o this Authority in written form.							
furnished subsequently to	o this Authority in computer rea	dble form.						
the statement that the su international application	bsequently furnished written se as filed has been furnished.	equence listing does	s not go beyond the disclosure in the					
the statement that the inf furnished	formation recorded in computer	readable form is id	lentical to the written sequence listing has been					
2. Certain claims were for	und unsearchable (See Box I)	•						
3. Unity of invention is la	3. Unity of invention is lacking (see Box II).							
4 Mills report to the title								
4. With regard to the title ,	ubmitted by the applicant							
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the text has been establi	shed by this Authority to read a	;						
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5 Milk report to the above								
5. With regard to the abstract,	when that by the analisant							
the text has been establi	submitted by the applicant. ished, according to Rule 38.2(b ne date of mailing of this interna), by this Authority a tional search repor	as it appears in Box III. The applicant may, t, submit comments to this Authority.					
6. The figure of the drawings to be pul			1					
x as suggested by the app			None of the figures.					
because the applicant fa								
	er characterizes the invention.							
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INTERNATIONAL SEARCH REPORT

International Application No PCT/JP 03/09958

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L23/538 H01L H01L25/10 H01L23/31 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category 9 1-19.WO 02 27786 A (IBIDEN CO LTD ; WANG X DONGDONG (JP); SAKAMOTO HAJIME (JP))
4 April 2002 (2002-04-04) 22-38 abstract; figures 1-69 & EP 1 321 980 A (IBIDEN CO LTD) 25 June 2003 (2003-06-25) embodiments 1-5 US 6 159 767 A (EICHELBERGER CHARLES 1 - 38X WILLIAM) 12 December 2000 (2000-12-12) column 8, line 62 -column 15, line 15; figures 5-9 1 - 38WO 92 17901 A (INTEGRATED SYSTEM X ASSEMBLIES) 15 October 1992 (1992-10-15) abstract; figures 1-32 -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. χ ° Special categories of cited documents : *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu- O document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art. document published prior to the international filing date but "&" document member of the same patent family later than the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 06/04/2004 29 March 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Schumacher, H

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